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Total Number of Pages in This Submission

22

Application Number	10/691,353
Filing Date	October 22, 2003
First Named Inventor	KRYLIOUK et al.
Art Unit	2823
Examiner Name	Lee, Hsien Ming
Attorney Docket Number	5853-415

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
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<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	AKERMAN SENTERFITT		
Signature			
Printed name	Neil R. Jetter		
Date	July 14, 2005	Reg. No.	46,803

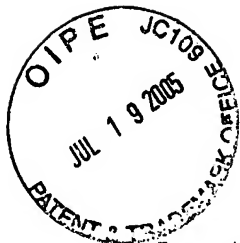
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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: KRYLIOUK et al.

Application No.: 10/691,353

Examiner: Lee, Hsien Ming

Date Filed: October 22, 2003

Group: 2823

For: GaN GROWTH ON SI USING ZnO BUFFER LAYER

CERTIFICATE UNDER 37 CFR 1.8(a)

I hereby certify that this correspondence addressed to Mail Stop
Amendment, Commissioner for Patents is being deposited with the
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Neil R. Jette Reg. No. 46,803

REPLY TO OFFICE ACTION

Mail Stop Amendment
Commissioner for Patents
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Sir:

This timely filed Reply is in response to the Office Action mailed April 25, 2005.

A complete claim listing begins on page 2.

Remarks begin on page 5.